BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Hegadenagara in Ward No. 6.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs.		2000000.00
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2015-16	cum							
	Desilting of Drains								
	Hegadenagara 8th Cross								
	Railwaymens Layout 1st Cross left Side		2	85.00	0.45	0.30	22.95		
			2	100.00	0.45	0.35	31.50		
	For Road Surface								
	Hegadenagara 8th Cross								
	Railwaymens Layout 1st Cross left Side		1	85.00	6.70	0.20	113.90		
			1	100.00	6.00	0.20	120.00		
							288.35	159.84	**46090.00**
	Basic Rate	148.00							
	Area Weightage @ 8%	11.84							
	Total	**159.84**							
2	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2015-16	**Cum**							
	Hegadenagara 8th Cross								
	Railwaymens Layout 1st Cross left Side		1	85.00	6.50	0.15	82.88		
			1	100.00	6.00	0.15	90.00		
							172.88	5070.60	**876580.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	**5070.60**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. Page No. 18/ Item No.	Cum							
	Hegadenagara 8th Cross		1	85.00	6.80	0.10	57.80		
	Railwaymens Layout 1st Cross left Side		1	100.00	6.00	0.10	60.00		
							121.04	6332.04	**766430.00**
	Basic Rate	5863.00							
	Area Weightage @ 8%	469.04							
	Total	**6332.04**							
4	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. No. 187/ Item No. 22.7/ PWD SR 2015-16	M							
	Cross Roads		9	6.80			61.20		
			15	6.00			90.00		
							151.20	138.24	**20902.00**
	Basic Rate	128.00							
	Area Weightage @ 8%	10.24							
	Total	**138.24**							
5	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 171/ Item No. 22.7/ PWD SR 2015-16	Sqm							
	Cross Roads		1	85.00	6.80		578.00		
			1	100.00	6.00		600.00		
							1178.00	97.20	**106618.00**
	Basic Rate	90.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	7.20							
	Total	**97.20**							
06	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				**285.93**		
	Average Weight of Earth 1.28 Ton/Cum						**285.93**	62.20	**17785.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
	Total	**67.32**							
							Grand Total		**1834555.00**
07	For 8% KRIDL Charges								**146764.00**
08	For 1% Third Party Inspection Charges								**18346.00**
09	Miscesallaneous Charges	L/S							335
								Total	**2000000.00**

Rupees Twenty Lakh(s) Only

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
27/7/2016

Executive Engineer
Byatarayanapura Division
29/7/16

Assistant Executive Engineer
27/7/2016
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Administrative Approval
Accorded For ..... "20.00 lakh Rs.
Head of A/C..... P-1878
CER NO :..... 10A ..... Dt:.. 28.07.16

TA CE (YNK)

TECHNICAL SANCTION
Accorded For Rs..... 20.00L .....
Head of A/c..... P-1878 .....
Tech. Ref. No..... TS/21/16-17 Date 28/07/16

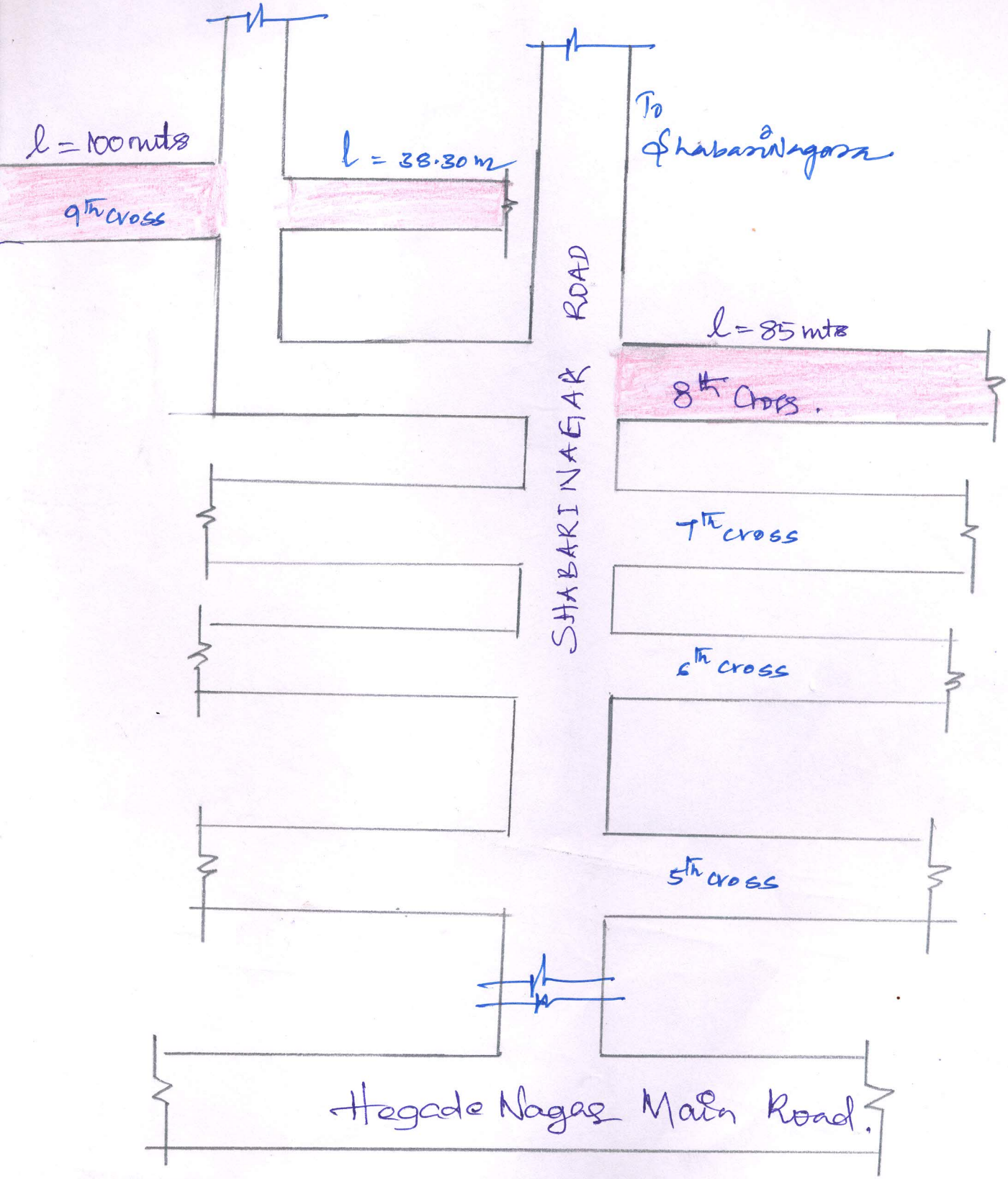
28/07
SE
CE(BTP)

Technical Sanction
Accorded For ..... 20.00 lakh Rs.
Head of A/C..... P-1878
CER NO :..... 10A ..... Dt:.. 28.07.16

TA CE (YNK)

28/7

Name of Work :- Improvements to Roads and drains at Hegadenagar in ward no :- 06.



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24